



Attorney Docket No.: 5543P006

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In Re Patent Application of:)
J.J. Garcia-Luna-Aceves, et al.)
Application No.: 09/844,856)
Filed: April 26, 2001)
For: SYSTEM AND METHOD FOR)
USING NETWORK LAYER)
UNIFORM RESOURCE LOCATOR)
ROUTING TO LOCATE THE)
CLOSEST SERVER CARRYING)
SPECIFIC CONTENT)

Commissioner for Patents
P.O. Box 1450
Alexandria, Virginia 22313-1450

EXPRESS MAIL STATEMENT

"Express Mail" mailing label number: EV897653089US
Date of Deposit: October 31, 2006

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Christopher P. Marshall
(Type or printed name of person mailing paper or fee)
(Signature of person mailing paper or fee)
10/31/2006

(Date Signed)

INFORMATION DISCLOSURE STATEMENT

Sir:

Enclosed is a copy of Information Disclosure Citation Form PTO-1449 or PTO/SB/08 together with copies of the documents cited on that form, except for copies not required to be submitted (e.g., copies of U.S. patents and U.S. published patent applications need not be enclosed). It is respectfully requested that the cited documents be considered and that the enclosed copy of Information Disclosure Citation Form PTO-1449 or PTO/SB/08 be initialed by the Examiner to indicate such consideration and a copy thereof returned to applicant(s).

Pursuant to 37 C.F.R. § 1.97, the submission of this Information Disclosure Statement is not to be construed as a representation that a search has been made and is not to be construed as an admission that the information cited in this statement is material to patentability.

Pursuant to 37 C.F.R. § 1.97, this Information Disclosure Statement is being submitted under one of the following (as indicated by an "X" to the left of the appropriate paragraph):

XXX 37 C.F.R. §1.97(b).

 37 C.F.R. §1.97(c). If so, then enclosed with this Information Disclosure Statement is one of the following:

 A statement pursuant to 37 C.F.R. §1.97(e) or

 A check for \$180.00 for the fee under 37 C.F.R. § 1.17(p).

 37 C.F.R. §1.97(d). If so, then enclosed with this Information Disclosure Statement are the following:

(1) A statement pursuant to 37 C.F.R. §1.97(e); and

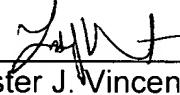
(2) A check for \$180.00 for the fee under 37 C.F.R. §1.17(p) for submission of the Information Disclosure Statement.

If there are any additional charges, please charge Deposit Account No. 02-2666.

Respectfully submitted,

BLAKELY, SOKOLOFF, TAYLOR & ZAFMAN LLP

Date: October 31, 2006



Lester J. Vincent
Reg. No. 31,460

12400 Wilshire Boulevard
Seventh Floor
Los Angeles, California 90025
(408) 720-8300

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**
(Use as many sheets as necessary)

OCT 31 2006

U.S. PATENT AND TRADEMARK OFFICE

Sheet		of	5	Attorney Docket Number	5543P006
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U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Document Number		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)				
		US-	5,088,032	2/11/1992	Bosack	
		US-	5,115,495	5/19/1992	Tsuchiya et al.	
		US-	5,774,668	6/30/1998	Choquier et al.	
		US-	6,012,067	1/4/2000	Sarkar	
		US-	6,097,718	8/1/2000	Bion	
		US-	6,115,752	9/5/2000	Chauhan	
		US-	6,130,881	10/10/2000	Stiller et al.	
		US-	6,201,794 B1	3/13/2001	Stewart et al.	
		US-	6,205,481 B1	3/20/2001	Heddaya et al.	
		US-	6,256,675 B1	7/3/2001	Rabinovich	
		US-	6,266,706 B1	7/24/2001	Brodnik et al.	
		US-	6,298,381 B1	10/2/2001	Shah et al.	
		US-	6,377,551 B1	4/23/2002	Luo et al.	
		US-	6,400,681 B1	6/4/2002	Bertin et al.	
		US-	6,601,098 B1	7/29/2003	Case et al.	

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
		Country Code ³ Number ⁴ Kind Code ⁵ (if known)				
		WO 01/18641 A1	3/15/2001	McCanne et al.		

Examiner Signature		Date Considered
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*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ¹Applicant's unique citation designation number (optional). ²See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴For Japanese patent documents, the indication of the year of reign of the Emperor must precede the serial number of the patent document. ⁵Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶Applicant is to place a check mark here if English language translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, Virginia 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.

Examiner Signature		Date Considered	
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*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ¹Applicant's unique citation designation number (optional). ²See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴For Japanese patent documents, the indication of the year of reign of the Emperor must precede the serial number of the patent document. ⁵Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶Applicant is to place a check mark here if English language translation is attached.

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

Sheet **1** of **5**Attorney Docket Number **5543P006**

NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	T ²
		Ari Luotonen, Henrik Frystyk Nielsen, and Tim Berbers-Lee. Cern httpd. http://www.w3.org/Daemon , July 1996	
		A. Heddaya and S. Mirdad, "WebWave: Globally Load Balanced Fully Distributed Caching of Hot Published Documents," Proc. IEEE 17th International Conference on Distributed Computing Systems, Baltimore, Maryland, May 1997	
		R. Tewari, "Architectures and Algorithms for Scalable Wide-area Information Systems," Ph.D. Dissertation, Chapter 5, Computer Science Department, University of Texas at Austin, August 1998	
		S. Gadde, M. Rabinovich, and J. Chase, "Reduce, reuse, recycle: An approach to building large Internet caches," in Proc. 6th Workshop Hot Topics in Operating Systems (HotOS-VI), Cape Cod, MA, May 1997, pp. 93-98.	
		Alex Rousskov and Duane Wessels, "Cache digests," Proceedings 3rd International WWW Caching Workshop, Manchester, England (April 17, 1998)	
		Renu Tewari, Michael Dahlin, Harrick M. Vin, and Jonathan S. Kay, "Design considerations for distributed caching on the internet," Technical report, Department of Computer Sciences, University of Texas Austin, http://www.cs.utexas.edu/users/UTCS/techreports/ (October 1998)	
		C. Parsa and J.J. Garcia-Luna-Aceves, "Improving TCP Congestion Control over Internets with Heterogeneous Transmission Media," Proc. IEEE ICNP '99, Toronto, Canada (October 31 to November 3, 1999)	
		Craig Partridge, Trevor Mendez, and Walter Milliken, "Host Anycasting Service," Network Working Group, RFC 1546 (November 1993)	
		G. Maclarty, et al., "Policy-based content delivery: an active network approach," Computer Communications 24 (2001), University of Technology, Sydney, Faculty of Information Technology, Australia, Elsevier Science B.V 2001 pp. 241-248 (2001)	
		C. Hedrick, "Routing Information Protocol," XP002233127, Network Working Group, Request for Comments: 1058 (June 1998)	
		Samrat Bhattacharjee, et al., "Application-Layer Anycasting," XP010251961, INFOCOM '97. 16th Annual Joint Conference of the IEEE Computer and Communications Societies. Driving the Information Revolution, Proceedings IEEE Kobe, Japan, pp. 1388-1396 (April 7, 1997)	

Examiner Signature	Date Considered
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¹Applicant's unique citation designation number (optional). ²Applicant is to place a check mark here if English Translation is attached.

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

OCT 31 2006

Sheet 1 of 5

Complete if Known	
Application Number	09/844,856
Filing Date	April 26, 2001
First Named Inventor:	J.J. Garcia-Luna-Aceves
Art Unit	2152
Examiner Name	Chankong, Dohm
Attorney Docket Number	5543P006

NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	T ²
		J. Bound and P. Rogue, "IPv6 Anycasting Service: Minimum Requirements for end nodes," XP002192644, IETF Internet Draft, pgs. 4-6, http://www.watersprings.org/pub/id/draft-bound-anycast-00.txt (retrieved on March 8, 2002)	
		Lixia Zhang, Sally Floyd, Van Jacobsen, "Adaptive Web Caching," Proceedings of the 1997 NLANR Web Cache Workshop, pp. 1-9 (April 25, 1997)	
		Pablo Rodriguez, Ernst W. Biersack, and Keith W. Ross, "Improving the WWW: Caching or Multicast?," Institut EURECOM 2229, Route Computer Networks and ISDN Systems, pp. 1-17 (March 30, 1998)	
		Paul Mockapetris, "Domain System Changes and Observations," Network Working Group, RFC 973 (January 1986)	
		Robert L. Carter, et al., "On the network impact of dynamic server selection," Computer Networks 31, pp. 2529-2558 (1999)	
		W. Simpson, "IP in IP Tunneling," RFC 1853, October 1995	
		K. Obraczka, et al., "A Tool for Massively Replicating Internet Archives: Design, Implementation, and Experience," Proceeding of the 16th International Conference on Distributed Computing Systems, Hong Kong, (May 27-30, 1996)	
		Chu et al., "A Case for End System Multicast," Proceedings of ACM SIGMETRICS, Santa Clara, CA, pp. 1-12 (June 2000)	
		John Jannotti, et al., "Overcast: Reliable Multicasting with an Overlay Network," Proceedings of OSDI, San Diego, CA (October 2000)	
		Joe Touch, "Dynamic Internet Overlay Deployment and Management Using the X-Bone," Proceedings of IEEE ICNP, Osaka, Japan (2000)	
		J. Garcia-Luna-Aceves and M. Spohn, "Scalable Link-State Internet Routing," ICNP, Sixth International Conference on Network Protocols (ICNP'98), Austin, Texas, pp. 52-61 (October 14-16, 1998)	

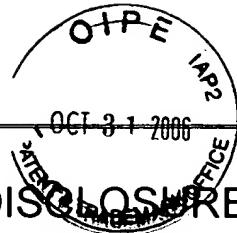
Examiner Signature		Date Considered
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**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(use as many sheets as necessary)

Sheet 5 of 5 Attorney Docket Number 5543P006

Complete if Known

Application Number	09/844,856
Filing Date	April 26, 2001
First Named Inventor:	J.J. Garcia-Luna-Aceves
Art Unit	2152
Examiner Name	Chankong, Dohm

NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	T ²
		P. Mochapetris, "Domain Names - Concepts and Facilities," RFC 1034 (November 1987)	
		P. Mochapetris, "Domain Names - Implementation and Specification," RFC 1035 (November 1987)	
		Stephen Kent and Randall Atkinson, "Security Architecture for the Internet Protocol," RFC 2401 (November 1998)	
		Y. Rekhter and T. Li, "A Border Gateway Protocol 4 (BGP-4)," Network Working Group, Request for Comments: 1771, (March 1995)	

Examiner Signature	Date Considered

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Summary of USPTO Kind Codes Used on Documents Published Beginning January 2, 2001

WIPO ST.16 Kind Codes	Kind of document	Comments
A1	Patent Application Publication	Pre-grant publication available March 2001
A2	Patent Application Publication (Republication)	Pre-grant publication available March 2001
A9	Patent Application Publication (Corrected Publication)	Pre-grant publication available March 2001
B1	Patent	No previously published pre-grant publication
B2	Patent	Having a previously published pre-grant publication and available March 2001
C1, C2, C3...	Reexamination Certificate	Previously used codes B1 and B2 are now used for granted Patents
E	Reissue Patent	No change
H	Statutory Invention Registration (SIR)	No change
P1	Plant Patent Application Publication	Pre-grant publication available March 2001
P2	Plant Patent	No previously published pre-grant publication
P3	Plant Patent	Having a previously published pre-grant publication and available March 2001
P4	Plant Patent Application Publication (Republication)	Pre-grant publication available after March 2001
P9	Plant Patent Application Publication (Corrected Publication)	Pre-grant publication available March 2001
S	Design Patent	No change



1102-06

ITW

Page 1 of 3

2152

FEE TRANSMITTAL FOR FY 2006

Effective on 10/01/2005. Fees pursuant to the Consolidated Appropriations Act, 2005 (H.R. 4818).

TOTAL AMOUNT OF PAYMENT (\$) 0.00

Completeness Known:

Application No. 09/844,856
Filing Date April 26, 2001
First Named Inventor J.J. Garcia-Luna-Aceves
Examiner Name Chankong, Dohm
Art Unit 2152
Attorney Docket No. 5543P006

Applicant claims small entity status. See 37 CFR 1.27.

METHOD OF PAYMENT (check all that apply)Check Credit Card Money Order None Other (please identify)**Deposit Account**Deposit Account Number : 02-2666

Deposit Account Name: _____

The Director is Authorized to do the following with respect to the above-identified Deposit Account:
Charge fee(s) indicated below.
 Charge any additional fee(s) or underpayment of fee(s) during the pendency of this application.
 Charge fee(s) indicated below except for the filing fee
 Credit any overpayments.
 Any concurrent or future reply that requires a petition for extension of time should be treated as incorporating an appropriate petition for extension of time and all required fees should be charged.

Warning: Information on this form may become public. Credit card information should not be included on this form.
Provide credit card information and authorization on PTO-2038.**FEE CALCULATION****1. BASIC FILING, SEARCH, AND EXAMINATION FEES**

<u>Large Entity</u>		<u>Small Entity</u>			
Fee	Fee	Fee	Fee	<u>Fee Description</u>	<u>Fees Paid (\$)</u>
1011	300	2011	150	Utility application filing fee	
1111	500	2111	250	Utility search fee	
1311	200	2311	100	Utility examination fee	<u>1,000/500</u>
1012	200	2012	100	Design application filing fee	
1112	100	2112	50	Design search fee	
1312	130	2312	65	Design examination fee	<u>430/215</u>
1013	200	2013	100	Plant filing fee	
1113	300	2113	150	Plant search fee	
1313	160	2313	80	Plant examination fee	<u>660/330</u>
1004	300	2004	150	Reissue filing fee	
1114	500	2114	250	Reissue search fee	
1314	600	2314	300	Reissue examination fee	<u>1,400/700</u>
1005	200	2005	100	Provisional application filing fee	

SUBTOTAL (1) \$ 0.00

2. EXCESS CLAIM FEES

<u>Extra Claims</u>				<u>Fee from below</u>	<u>Fees Paid (\$)</u>
Total Claims	– 20 or HP =			X	=
HP = highest number of total claims paid for, if greater than 20					
Independent Claims	– 3 or HP =			X	=
HP = highest number of independent claims paid for, if greater than 3					
Multiple Dependent Claims					=
 <u>Large Entity</u> <u>Small Entity</u>					
<u>Fee</u>	<u>Fee</u>	<u>Fee</u>	<u>Fee</u>	<u>Fee Description</u>	
Code	(\$)	Code	(\$)	Each claim over 20	
1202	50	2202	25	Each independent claim over 3	
1201	200	2201	100	Multiple dependent claims, if not paid	
1203	360	2203	180	Reissue: each claim over 20 and more than in the original patent	
1204	200	2204	100	Reissue: each independent claim more than in the original patent	
1205	50	2205	25		
SUBTOTAL (2) \$ <u>0.00</u>					

3. APPLICATION SIZE FEE

If the specification and drawings exceed 100 sheets of paper, the application size fee due is \$250 (\$125 for small entity) for each additional 50 sheets or fraction thereof. See 35 U.S.C. 41(a)(1)(G) and 37 CFR 1.16(s).

<u>Total Sheets</u>	<u>Extra Sheets</u>	<u>Number of each add'l 50 or fraction thereof</u>	<u>Fee from below</u>	<u>Fees paid (\$)</u>
_____	– 100 = _____ / 50 = _____ (round up to whole number)	X	_____	_____
Large Entity	Small Entity			
<u>Fee</u>	<u>Fee</u>	<u>Fee Description:</u> Application size fee for each additional group of 50 sheets		
Code	(\$)	Fee Description: Application size fee for each additional group of 50 sheets beyond initial 100 sheets (count spec & drawings except sequences & program listings):		
1081	250	2081	125	Utility
1082	250	2082	125	Design
1083	250	2083	125	Plant
1084	250	2084	125	Reissue
SUBTOTAL (3) \$ <u>0.00</u>				

FEE CALCULATION (continued)**4. OTHER FEE(S)**

Non-English Specification, \$130 fee (no small entity discount)				<u>Fees Paid (\$)</u>
<u>Large Entity</u>	<u>Small Entity</u>			
Fee Code	Fee (\$)	Fee Code	Fee (\$)	<u>Fee Description</u>
1051	130	2051	65	Surcharge - late filing fee or oath
1052	50	2052	25	Surcharge - late provisional filing fee or cover sheet
1053	130	1053	130	Non-English specification
1812	2,520	1812	2,520	For filing a request for ex parte reexamination
1813	8,800	1813	8,800	Request for inter parties reexamination
1804	920*	1804	920*	Requesting publication of SIR prior to Examiner action
1805	1,840*	1805	1,840*	Requesting publication of SIR after Examiner action
1251	120	2251	60	Extension for reply within first month
1252	450	2252	225	Extension for reply within second month
1253	1,020	2253	510	Extension for reply within third month
1254	1,590	2254	795	Extension for reply within fourth month
1255	2,160	2255	1,080	Extension for reply within fifth month
1401	500	2401	250	Notice of Appeal
1402	500	2402	250	Filing a brief in support of an appeal
1403	1,000	2403	500	Request for oral hearing
1451	1,510	1451	1,510	Petition to institute a public use proceeding
1452	500	2452	250	Petition to revive - unavoidable
1453	1,500	2453	750	Petition to revive - unintentional
1501	1,400	2501	700	Utility issue fee (or reissue)
1502	800	2502	400	Design issue fee
1503	1100	2503	550	Plant issue fee
1462	400	1462	400	Petitions to the Commissioner (CFR 1.17(f) Group I)
1463	200	1463	200	Petitions to the Commissioner (CFR 1.17(g) Group II)
1464	130	1464	130	Petitions to the Commissioner (CFR 1.17(h) Group III)
1807	50	1807	50	Processing fee under 37 CFR 1.17(q)
1806	180	1806	180	Submission of Information Disclosure Stmt
8021	40	8021	40	Recording each patent assignment per property (times number of properties)
1809	790	2809	395	For filing a submission after final rejection (see 37 CFR 1.129(a))
1814	130	2814	65	Statutory Disclaimer
1810	790	2810	395	For each additional invention to be examined (see 37 CFR 1.129(b))
1801	790	2801	395	Request for Continued Examination (RCE)
1802	900	1802	900	Request for expedited examination of a design application
1504	300	1504	300	Publication fee for early, voluntary, or normal pub.
1505	300	1505	300	Publication fee for republication
1803	130	1803	130	Request for voluntary publication or republication
1808	130	1808	130	Processing fee under 37 CFR 1.17(i) (except provisionals)
1454	1,370	1454	1,370	Acceptance of unintentionally delayed claim for priority
Other fee (specify)				
Other fee (specify)				
				SUBTOTAL (4) \$ 0.00

*Reduced by Basic Filing Fee Paid

SUBMITTED BY:Typed or Printed Name: Lester J. VincentSignature: Date: October 31, 2006Reg. Number: 31,460Telephone Number: 408-720-8300

Send to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450



FEE TRANSMITTAL FOR FY 2006

Effective on 10/01/2005. Fees pursuant to the Consolidated Appropriations Act, 2005 (H.R. 4818).

TOTAL AMOUNT OF PAYMENT (\$) 0.00

Complete if Known:

Application No. 09/844,856
 Filing Date April 26, 2001
 First Named Inventor J.J. Garcia-Luna-Aceves
 Examiner Name Chankong, Dohm
 Art Unit 2152
 Attorney Docket No. 5543P006

 Applicant claims small entity status. See 37 CFR 1.27.

METHOD OF PAYMENT (check all that apply)

Check Credit Card Money Order X None Other (please identify)

Deposit Account

Deposit Account Number : 02-2666

Deposit Account Name: _____

X The Director is Authorized to do the following with respect to the above-identified Deposit Account:

Charge fee(s) indicated below.

Charge any additional fee(s) or underpayment of fee(s) during the pendency of this application.

Charge fee(s) indicated below except for the filing fee

Credit any overpayments.

X Any concurrent or future reply that requires a petition for extension of time should be treated as incorporating an appropriate petition for extension of time and all required fees should be charged.

Warning: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

FEE CALCULATION

1. BASIC FILING, SEARCH, AND EXAMINATION FEES

<u>Large Entity</u>		<u>Small Entity</u>		<u>Fee Description</u>	<u>Fees Paid (\$)</u>
Fee Code	Fee (\$)	Fee Code	Fee (\$)		
1011	300	2011	150	Utility application filing fee	1,000/500
1111	500	2111	250	Utility search fee	
1311	200	2311	100	Utility examination fee	
1012	200	2012	100	Design application filing fee	430/215
1112	100	2112	50	Design search fee	
1312	130	2312	65	Design examination fee	
1013	200	2013	100	Plant filing fee	660/330
1113	300	2113	150	Plant search fee	
1313	160	2313	80	Plant examination fee	
1004	300	2004	150	Reissue filing fee	1,400/700
1114	500	2114	250	Reissue search fee	
1314	600	2314	300	Reissue examination fee	
1005	200	2005	100	Provisional application filing fee	

SUBTOTAL (1) \$ 0.00

2. EXCESS CLAIM FEES

	<u>Extra Claims</u>	<u>Fee from below</u>	<u>Fees Paid (\$)</u>
Total Claims _____	- 20 or HP = _____	X _____	= _____
HP = highest number of total claims paid for, if greater than 20			
Independent Claims _____	- 3 or HP = _____	X _____	= _____
HP = highest number of independent claims paid for, if greater than 3			
Multiple Dependent Claims		_____	= _____

<u>Large Entity</u>		<u>Small Entity</u>		
Fee	Fee	Fee	Fee	<u>Fee Description</u>
Code	(\$)	Code	(\$)	Each claim over 20
1202	50	2202	25	Each claim over 20
1201	200	2201	100	Each independent claim over 3
1203	360	2203	180	Multiple dependent claims, if not paid
1204	200	2204	100	Reissue: each claim over 20 and more than in the original patent
1205	50	2205	25	Reissue: each independent claim more than in the original patent

SUBTOTAL (2) \$ 0.00

3. APPLICATION SIZE FEE

If the specification and drawings exceed 100 sheets of paper, the application size fee due is \$250 (\$125 for small entity) for each additional 50 sheets or fraction thereof. See 35 U.S.C. 41(a)(1)(G) and 37 CFR 1.16(s).

<u>Total Sheets</u>	<u>Extra Sheets</u>	<u>Number of each add'l 50 or fraction thereof</u>	<u>Fee from below</u>	<u>Fees paid (\$)</u>
_____	— 100 = _____	/ 50 = _____ (round up to whole number)	X	_____

<u>Large Entity</u>		<u>Small Entity</u>		<u>Fee Description:</u> Application size fee for each additional group of 50 sheets beyond initial 100 sheets (count spec & drawings except sequences & program listings):
Fee Code	Fee (\$)	Fee Code	Fee (\$)	
1081	250	2081	125	Utility
1082	250	2082	125	Design
1083	250	2083	125	Plant
1084	250	2084	125	Reissue

SUBTOTAL (3) \$ 0.00

FEE CALCULATION (continued)**4. OTHER FEE(S)**

Non-English Specification, \$130 fee (no small entity discount)				<u>Fees Paid (\$)</u>
<u>Large Entity</u>	<u>Small Entity</u>			
Fee Code	Fee (\$)	Fee Code	Fee (\$)	<u>Fee Description</u>
1051	130	2051	65	Surcharge - late filing fee or oath
1052	50	2052	25	Surcharge - late provisional filing fee or cover sheet
1053	130	1053	130	Non-English specification
1812	2,520	1812	2,520	For filing a request for ex parte reexamination
1813	8,800	1813	8,800	Request for inter parties reexamination
1804	920*	1804	920*	Requesting publication of SIR prior to Examiner action
1805	1,840*	1805	1,840*	Requesting publication of SIR after Examiner action
1251	120	2251	60	Extension for reply within first month
1252	450	2252	225	Extension for reply within second month
1253	1,020	2253	510	Extension for reply within third month
1254	1,590	2254	795	Extension for reply within fourth month
1255	2,160	2255	1,080	Extension for reply within fifth month
1401	500	2401	250	Notice of Appeal
1402	500	2402	250	Filing a brief in support of an appeal
1403	1,000	2403	500	Request for oral hearing
1451	1,510	1451	1,510	Petition to institute a public use proceeding
1452	500	2452	250	Petition to revive - unavoidable
1453	1,500	2453	750	Petition to revive - unintentional
1501	1,400	2501	700	Utility issue fee (or reissue)
1502	800	2502	400	Design issue fee
1503	1100	2503	550	Plant issue fee
1462	400	1462	400	Petitions to the Commissioner (CFR 1.17(f) Group I)
1463	200	1463	200	Petitions to the Commissioner (CFR 1.17(g) Group II)
1464	130	1464	130	Petitions to the Commissioner (CFR 1.17(h) Group III)
1807	50	1807	50	Processing fee under 37 CFR 1.17(q)
1806	180	1806	180	Submission of Information Disclosure Stmt
8021	40	8021	40	Recording each patent assignment per property (times number of properties)
1809	790	2809	395	For filing a submission after final rejection (see 37 CFR 1.129(a))
1814	130	2814	65	Statutory Disclaimer
1810	790	2810	395	For each additional invention to be examined (see 37 CFR 1.129(b))
1801	790	2801	395	Request for Continued Examination (RCE)
1802	900	1802	900	Request for expedited examination of a design application
1504	300	1504	300	Publication fee for early, voluntary, or normal pub.
1505	300	1505	300	Publication fee for republication
1803	130	1803	130	Request for voluntary publication or republication
1808	130	1808	130	Processing fee under 37 CFR 1.17(i) (except provisionals)
1454	1,370	1454	1,370	Acceptance of unintentionally delayed claim for priority
Other fee (specify)				
Other fee (specify)				
				SUBTOTAL (4) \$ 0.00

*Reduced by Basic Filing Fee Paid

SUBMITTED BY:Typed or Printed Name: Lester J. VincentSignature: Date: October 31, 2006Reg. Number: 31,460Telephone Number: 408-720-8300

Send to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450